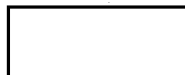


MEMORANDUM FOR: AD/OSR



I'm attaching, for your information, a batch of documents relating to DIA's "Distributed Data Base" briefing of the DCI. You may already have some of the documents.



3 Apr 75
(DATE)

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54 WHICH MAY BE USED.

(47)

DIA review(s) completed.

DDI-880-75

DCI/DDCI
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Executive Registry

75-4964/3

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| 8 | D/DCI/IC | ✓ | | 18 | | | |
| 9 | D/DCI/NIO | ✓ | | 19 | | | |
| 10 | GC | | | 20 | | | |

SUSPENSE

Date

Remarks:

Pls set up the distrib
data base briefing —
Maybe the answer is
a DIA-chaired review
group + a USIB
presentation — where
issues can surface —

DCI/DDCI

3/31/75

INTELLIGENCE COMMUNITY STAFF

25 March 1975

Executive Registry

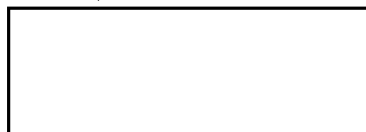
75-4964

NOTE FOR THE DIRECTOR

Bill:

You asked for a briefing on the distributed data base. DIA will provide after Easter and have asked to give it to you first (i.e., keep the audience down).

The attached paper was prepared for General Wilson's background and your use. It should be read before you receive the DIA briefing.



AD/DCI/IC

Attachment

STAT

ACTION

IC REGISTRY ROUTING SLIP

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COMMENTS:

This memorandum serves as a briefing paper re the DIA Distributed Data Base (DDB) concept which is to be briefed to CIA and ICS top management on Tuesday, 25 Mar. 75

The memorandum reports that DDB is part of the DOD general policy for intelligence, per ASD(I)'s Planning and Programming Guidance for the CDIP.

The concept contemplates a broad-scale assignment within the Services and U&S Commands of responsibility for maintaining files on intelligence subjects. Data from files would be available to users via remote terminals and computerized telecommunications nets.

✓ Major problems must be solved before this could become an effective reality. They include:

- Provision for quality control of products.
- Provision for solving multilevel security.
- Provision for improved telecommunications nets.
- Provision for vastly improved data standards.

All of these improvements are complex and thus will require several years at best. They also require much more in the way of resources than the community has been willing to allocate to date. Finally, these problems cannot be addressed most effectively except community-wide, not merely DoD-wide.

✓ (Note: Advance copy direct to General Wilson)

Chm IHC

SECRET

DCI/IC 75-1512

24 March 1975

MEMORANDUM FOR: General Wilson

SUBJECT: DIA Concept for Distributed Data Bases

REFERENCES: (a) Memo dated 17 February 1975 to Secretaries of the Military Departments, C/JCS, D/DIA, DIRNSA, et al., from ASD(I), Subject: Intelligence Annex to the FY 77-81 Planning and Programming Guidance Memorandum (PPGM) for the CDIP

(b) DIA Manual 57-1, General Intelligence Production

(c) DIA Program Objective Memorandum, FY 1976-FY 1980 (undated) (S)

1. Reference (a) states that in executing the general guidance provided therein, and in view of the continued austere funding available for intelligence, the following principles apply:

"The development of the distributed data base concept should be pursued vigorously in order to assure the reduction of management layers and unwarranted duplication of effort, while preserving intelligence production quality." (Para. 4(a), Page 4.)

"Effect the standardization of data bases moving toward accessibility at national as well as departmental and combat command levels." (Para. 4(c), Page 4.)

Reference (c) contains general information on DIA's resources planning. Resources are proposed in Program Element 31021L for "a complete analysis and redesign (of) the existing (DIA) data base system." (page IV-23)

25X1

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2. Consistent with this guidance, DIA is now internally staffing a proposal for a major revision of reference (b). This proposal would delegate full production responsibility for planned general intelligence products to those producers believed best able to accomplish this work by virtue of mission and capabilities. Included in this proposed delegation is the authority for establishment, maintenance and validation of the single DoD data base for each General Intelligence production subject area by the delegated producer. DIA defines "data base" as all data making up a subject file, including automated data.

3. DIA would retain responsibility for DoD's national level General Intelligence production on military capabilities, indications and warnings, estimates, and production of military intelligence in areas of critical national interest. DIA would also retain responsibility for policy guidance, centralized management and standards control. Producing units would be established for geographic and subject areas. DIA would spot review products for quality and periodically would look at production assets, procedures, data bases and schedules in detail.

4. The concept is to make tentative delegated production agreements between and among the various elements of the Services and the U&S Commands, beginning as soon as possible. A July 1975 conference is planned to formalize all agreements and to ensure all producers are ready to implement the policy.

5. Under these agreements producing units would be responsible for maintaining specified data bases and providing products therefrom for all consumers in accordance with agreed schedules, formats, standards and distribution lists. DIA would review schedules, production commitments, and distribution on a regular basis to resolve differences where necessary. Requirements for scheduled products would continue to be reviewed by DIA and forwarded to the appropriate producer for appropriate action. Requirements for non-scheduled products, especially time sensitive ones, would be levied directly on the producer concerned with a copy to DIA.

6. Implications of this policy for the IC Staff, USIB Committees and intelligence agencies outside DoD include the following:

- a. The delegation of production responsibility can impact on the quality and timeliness of intelligence and products. New arrangements for coordination and review of products may be needed.

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b. Security policy and procedures will be impacted. The concept that the maintenance of a particular data base is to be assigned to organization "x" and all other organizations with a need-to-know are to look primarily to drawing certain data from "x" implies a very extensive and complex network of agreements and understandings as to security procedures for handling and transmitting classified information. This is far from reality as compared to the worldwide scope of this concept which can involve dozens of organizations serving as hosts for specified files. The USIB role is unclear, but the Security Committee certainly has responsibilities.

c. Computer telecommunications networks will be required. DIA has been working to develop its Worldwide Intelligence Communications System (WICS) but this is still in a relatively early stage. Other communications interfaces are involved, such as [] WWMCCS and interfaces with CIA, NSA, State, etc. USIB should be concerned with some overview of these problems, and they fall within the normal scope of the USIB/IHC.

d. A major unresolved issue relates to the standardization of data codes and elements and the protocols for communicating among remote terminals in large networks. Much work is needed to develop a simplified query language and this will require both time and money. The USIB/IHC has a central role in data standardization for the intelligence community [] but other responsibilities are assigned to individual agencies as part of a complex set of rules and suggested procedures administered overall by the National Bureau of Standards for the Executive Branch as a whole. The willingness of individual agencies and departments to agree on common data standards is quite low. At the present stage of standardization, it is not possible to implement the distributed data base concept in a manner that will now give rapid and efficient service to users. Much greater cooperation among organizations in the intelligence community, including a willingness to devote additional people and dollars to the standards problem, will be required before significant progress is achieved. An IHC report to USIB members is now being drafted.

[]
Chairman, IHC

cc: IC Staff Chiefs

Exec. Sec., USIB

Chairman, USIB Security Committee

Approved For Release 2007/03/08 : CIA-RDP80B01495R000300020040-6

Executive Registry
75-4964/1

IC 75-1404

20 MAR 1975

MEMORANDUM FOR: Director of Central Intelligence

SUBJECT: General Graham's Proposals for a
"Distributed Data Base"

You recently suggested that a post-mortem of [] 25X1
might be useful in pointing up successes and problems with respect to 25X1
the distributed data base proposals made by General Graham. The
IC Staff has, in fact, recently completed a post-mortem on []
We tend to doubt that the [] experience would be relevant to 25X1
the issue which General Graham has raised. We suggest, in any event,
that a more thorough examination of this possibility be postponed until
after General Graham briefs you on his proposals on 25 March. [] STAT
[] and I plan to attend this briefing and we are suggesting to
George Carver that he also attend.

/s/ Samuel V. Wilson

Samuel V. Wilson
Lieutenant General, USA
D/DCI/IC

Distribution:

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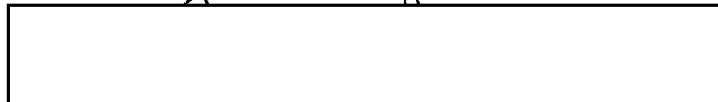
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| 8 | D/DCI/IC | ✓ | | 18 | | | |
| 9 | D/DCI/NIO | | ✓ | 19 | | | |
| 10 | GC | | | 20 | | | |

SUSPENSE

Date

Remarks:

On the "distributed data base" problem, would not a good post-mortem of



be useful to point up successes & problems?

DCI/DDCI

3/3/75

IC

(EXCLUDED FROM THE...)